

DEPARTMENT OF TRANSPORTATION**ENERGY CONSERVATION PROGRAM**

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*Flex your power!
Be energy efficient!*

Date: May 16, 2003

Address Gary Flamm
California Energy Commission
1516 Ninth Street, MS-26
Sacramento, CA 95814

Dear Gary

Per our past conversations, you may use this letter as my "Public Comment" on exterior nighttime lighting. CEC's standards will be used in the development roadway and facility exterior lighting conservation activities for the California Department of Transportation.

My intention is to proceed with human factor studies with UC Berkeley (Dr. Ted Cohn, UC Berkeley School of Optometry) to measure eye-task metrics for various Caltrans nighttime lighting applications at facilities and roadway. That effort is now in the task order development phase. Given the various conditions (Urban, rural, high/medium/low flow, land use growth, etc.) I plan to update current departmental performance guidelines for application designs, and where applicable, develop links to CEC's Lighting Zone Matrix (LZM).

I see the LZM as a good starting point in the development of quality safe nighttime lighting standards for the Department.

I also plan to have a nighttime lighting working session with EPAC (Energy Policy Advisory Committee) members at a future meeting. EPAC membership includes the energy conservation program managers from the 10 largest state energy-consuming departments and the three higher education systems.

I also look forward to working with you on the application of the LZM approach to lighting with State and Consumer's Services Agency the Sustainable Buildings Design Taskforce.

Sincerely,

STEPHEN C. PREY

Program Coordinator, Caltrans Energy Conservation Program;
Chair, Energy Policy Advisory Committee (Executive Order W-83-94)